

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(kobayashi near2 hisamichi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:43
L2	71821	(collimat\$3 lens) near2 (support barrel hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:42
L4	1519981	aperture diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:54
L5	5626	2 with (notch projection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:54
L6	376	4 with 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L7	1186	2 with (inclined slanted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L8	48	6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:56

## EAST Search History

L9	328	6 not 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:56
L10	204	9 and @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:03
L11	105526	(collimat\$3 coupling lens) near2 (support barrel hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L12	6017	4 with 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L13	1441	11 with (inclined slanted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L14	240	12 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:00
L15	176	14 and @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:03

## EAST Search History

L16	135	15 not (8 10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:01
L17	2426	optical adj (housing box)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:03
L18	19744	11 and 2 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:03
L19	13843	18 and @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:41
L20	286	19 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:13
L21	155	20 not 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:04
L22	13	("4872065"   "5138623"   "5237579"   "5258780"   "5671069"   "5784091"   "5946334"   "6118798"   "6151152"   "6185026"   "6366336"   "6498617"   "6731317").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 07:06
L23	7	("4815059"   "5612945"   "5614961"   "5671081"   "5818262"   "5877884"   "5920437").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 07:07

## EAST Search History

L24	4	18 and 17 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:14
L25	127	18 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:25
L26	1890	347/230,241-244,256-258.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:29
L27	92	26 and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:48
L28	2	("5153608"   "5212381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 07:45
L29	9	("5351070").URPN.	USPAT	OR	ON	2006/11/16 07:45
L30	417	26 and collimator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:21
L31	49	26 and collimator and mount	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:56

## EAST Search History

L32	210	26 and collimator and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 07:56
L33	3	("5737112"   "5757533"   "6256132").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 08:14
L34	2	("6667822").URPN.	USPAT	OR	ON	2006/11/16 08:14
L35	3	("5953042"   "6411325"   "6512533").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 08:14
L36	0	("6665103").URPN.	USPAT	OR	ON	2006/11/16 08:15
L37	183	30 not (31 32)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:21
L39	12	("6621512" "6928100" "5774248" "20030173508" "6333756" "20010052927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:33
L40	6	39 and (aperture diaphragm shap\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:33
L41	12	("20020036839"   "4702576"   "4762395"   "4972258"   "5555232"   "5781351"   "5997153"   "6147817"   "6188528"   "6343092"   "6404723"   "6472651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 08:40
L42	0	("6928100").URPN.	USPAT	OR	ON	2006/11/16 08:41
L43	33973	canon.as.	USPAT	OR	ON	2006/11/16 08:41
L44	398	43 and collimator and 4	USPAT	OR	ON	2006/11/16 08:41

## EAST Search History

L45	374	44 and @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:42
L46	171	45 and (barrel hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:46
L47	203	45 not 46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:46
S92	1	10/791902 and diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:43
S93	12	("6621512" "6928100" "5774248" "20030173508" "6333756" "20010052927").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 08:33
S94	70619	lens near2 (support barrel hold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:53
S95	316859	diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 06:53

## EAST Search History

S96	1263016	aperture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:14
S97	1628	S94 with S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:43
S98	4152	S94 with S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:14
S99	0	S97 with slanted	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:14
S10 0	239	S94 near2 (inclined slanted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:15
S10 1	62	S100 and (S95 S96)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:15
S10 2	177	S100 not S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:17

## EAST Search History

S10 3	348	S97 and (inclined slanted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:22
S10 4	959286	laser sa,e S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:43
S10 5	35	laser same S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:49
S10 6	2424	optical adj (box housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:44
S10 7	4	S97 and S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:44
S10 8	100	laser and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:56
S10 9	33	laser same collimator same (barrel hold\$3) same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:06



## EAST Search History

S11 0	4	laser same (coupling adj lens) same (barrel hold\$3) same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 17:57
S11 1	2	S93 and ((coupling adj lens) collimator) and (barrel hold\$3) and (aperture diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:08
S11 2	3	S93 and (aperture diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:08
S11 3	6995	S94 and projection and (aperture diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:10
S11 4	1434	S94 same projection same (aperture diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:10
S11 5	2	S114 and (polygon adj mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:11
S11 6	188	S114 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:14

## EAST Search History

S11 7	7010	S94 with first with second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:14
S11 8	102	S100 and S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:14